

Notice of Allowability

Application No.

10/634,661

Examiner

Michael Rutland-Wallis

Applicant(s)

GLAHN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/06/2006.
2. ☒ The allowed claim(s) is/are 1-13 and 15-24.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 03/02/2006
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


LYNN D. FEILD
PRIMARY EXAMINER

DETAILED ACTION

Election/Restrictions

Claims 12, 18, 19, 22-24 currently stand withdrawn as of applicant's amendment submitted March 06, 2006. As the above mentioned claims now depend from allowed generic claims 1 and 15, therefore claims 12, 18, 19, 22-24 have been rejoined and are now allowed.

Response to Arguments

Applicant's arguments and amendments, filed March 06, 2006 with respect to claims 1-13 and 15-24 have been fully considered and are persuasive. The rejections and objections therefore have been withdrawn.

Amendments to the specification are hereby entered.

Drawings

The figures including those submitted as replacement sheets contain shading or color making it difficult to read and evaluate the drawing. Specifically at least items 2 and 4 of figure 1 and items 4 and 31 of figure 2 are not easily readable.

Color photographs and color drawings are not accepted unless a petition filed under 37 CFR 1.84(a)(2) is granted. Any such petition must be accompanied by the appropriate fee set forth in 37 CFR 1.17(h), three sets of color drawings or color photographs, as appropriate, and, unless already present, an amendment to include the

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following language as the first paragraph of the brief description of the drawings section of the specification:

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

Color photographs will be accepted if the conditions for accepting color drawings and black and white photographs have been satisfied. See 37 CFR 1.84(b)(2).

Allowable Subject Matter

Claims 1-13 and 15-34 are allowed. The following is an examiner's statement of reasons for allowance: teaches the an arrangement and method Marin-Martinod teaches power distribution system arrangement in a passenger transport aircraft (Fig. 1), comprising: an electrical power source (not pictured though Marin-Martinod's power distribution system element 22 is supplied by an electrical power source); electrical power consuming devices (Fig. 1 item 26) installed in the aircraft; a power distribution network (Fig. 1 item 22) connecting said electrical power source to said power consuming devices; a control unit (Fig. 1 item 20); and a database (Fig. 2 item 54 storage means) that is connected to said control unit and that stores a catalog of power management measures (column 4 lines 32-40 Marin-Martinod measures values of nominal power being consumed by the load); wherein said control unit is adapted to compare an actual power consumption of a single one or a group or all of said power consuming devices to a prescribed maximum power consumption value (column 5 lines

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1-25 see term P_{\max}), and if said actual power consumption reaches or exceeds said maximum power consumption value, to call up (column 5 line 40 – column 6 line 55 additionally see the table located in column 6 Marin-Martinod teaches power is measured when the condition of consumed power becomes greater than stored P_{\max} a consumption limitation phase is implemented) one or more of said power management measures of said catalog stored in said database and to transmit at least one control command corresponding to and dependent on said one or more power management measures to one or more of said power consuming devices that are identified individually Marin-Martinod does not teach this power distribution system is used in the galley of the aircraft, but does teach its use for powering a various loads in the aircraft for use by the passengers to increase their comfort. It would have been obvious to one of ordinary skill in the art at the time of the invention to use the power distribution system of Marin-Martinod in an aircraft galley to power loads similar to ovens, water boilers, coffee maker machines, and trash compactors. Marin-Martinod does not teach or render obvious a databus connected to said control unit and to each one of said power consuming devices or an addressing communication system as claimed in claims 1 and 15. These further limitations to claims 1 and 15 are not taught or rendered obvious by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Chiang et al. (U.S. Pat. No. 5,796,628) teaches a system for preventing collapse in electrical power distribution by prioritizing and reducing power to loads, Karuppana et al. (U.S. Pat. No. 6,465,908) teaches an intelligent power distribution system and methods of reducing power drawn from the supply and peak times.

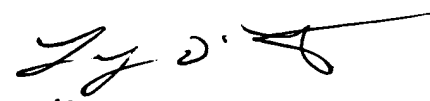
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Rutland-Wallis whose telephone number is 571-272-5921. The examiner can normally be reached on Monday-Thursday 7:30AM-6:00PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn D. Feild can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MRW


LYNN D. FEILD
PRIMARY EXAMINER